

Impact Water Quality Monitoring for Dredging Activities at ESC CMP Vc

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2022/05/09	ME	US1	17:42	B	10.2	96.3	0.51	24.73	29.53	101.64	7.13	2.58	8.12	4.5
2022/05/09	ME	US1	17:43	M	6.1	105.1	0.20	24.74	28.79	101.94	7.18	0.98	8.11	3.2
2022/05/09	ME	US1	17:44	T	1.1	197.3	0.35	25.33	26.65	126.27	8.92	0.58	8.24	3.8
2022/05/09	ME	US1	17:44	B	10.0	121.6	0.59	24.73	29.48	102.73	7.21	2.18	8.12	4.7
2022/05/09	ME	US1	17:45	M	6.0	133.3	1.08	24.90	27.63	108.91	7.70	0.78	8.16	3.1
2022/05/09	ME	US1	17:46	T	1.1	110.8	0.61	25.41	26.29	129.55	9.15	0.38	8.26	3.6
2022/05/09	ME	US2	17:50	B	8.0	165.2	0.29	24.70	29.31	102.21	7.19	0.48	8.12	3.9
2022/05/09	ME	US2	17:50	M	5.0	64.5	0.53	25.11	26.84	123.35	8.73	0.38	8.22	3.9
2022/05/09	ME	US2	17:51	T	1.0	114.9	0.23	25.73	25.21	141.59	10.01	0.38	8.33	4.0
2022/05/09	ME	US2	17:52	B	8.0	104.7	0.50	24.71	29.35	106.59	7.49	0.58	8.13	3.8
2022/05/09	ME	US2	17:52	M	4.9	114.7	0.23	25.10	26.85	123.53	8.75	0.28	8.22	3.8
2022/05/09	ME	US2	17:53	T	1.0	71.3	0.21	25.73	25.19	141.68	10.02	0.38	8.34	4.2
2022/05/09	ME	DS1	18:01	B	10.1	132.0	0.49	24.72	29.48	99.57	6.99	1.88	8.11	4.9
2022/05/09	ME	DS1	18:01	M	6.1	84.8	0.54	24.71	29.24	98.47	6.92	1.18	8.10	2.7
2022/05/09	ME	DS1	18:02	T	1.1	352.8	0.26	25.43	26.40	127.67	9.01	0.48	8.25	2.9
2022/05/09	ME	DS1	18:03	B	9.9	37.7	0.17	24.72	29.51	98.87	6.94	1.68	8.10	4.8
2022/05/09	ME	DS1	18:03	M	6.2	134.5	0.89	24.71	29.31	98.56	6.93	1.08	8.10	2.5
2022/05/09	ME	DS1	18:04	T	1.1	346.7	0.33	25.42	26.40	128.56	9.08	0.38	8.26	2.9
2022/05/09	ME	DS2	18:08	B	10.2	68.9	0.18	24.71	29.55	95.65	6.71	2.48	8.08	5.3
2022/05/09	ME	DS2	18:09	M	6.0	108.8	0.68	24.71	28.97	95.75	6.74	0.98	8.08	3.1
2022/05/09	ME	DS2	18:10	T	1.1	75.2	0.89	25.55	25.83	128.33	9.07	0.48	8.28	3.9
2022/05/09	ME	DS2	18:10	B	10.1	39.2	0.61	24.71	29.46	97.84	6.87	2.78	8.09	5.5
2022/05/09	ME	DS2	18:11	M	5.8	71.8	0.80	24.72	28.90	96.04	6.77	1.08	8.09	3.0
2022/05/09	ME	DS2	18:12	T	1.0	53.3	0.76	25.58	25.70	128.42	9.08	0.58	8.27	3.9
2022/05/09	ME	DS3	18:19	B	13.1	9.3	0.69	24.64	30.69	84.06	5.87	3.68	8.03	6.3
2022/05/09	ME	DS3	18:20	M	7.6	98.4	0.43	24.71	29.34	94.91	6.67	1.58	8.09	4.0
2022/05/09	ME	DS3	18:20	T	1.3	113.9	0.65	25.65	25.51	125.08	8.84	0.58	8.27	3.3
2022/05/09	ME	DS3	18:21	B	13.0	67.3	0.34	24.64	30.74	85.54	5.97	2.58	8.03	6.3
2022/05/09	ME	DS3	18:22	M	7.5	70.8	0.56	24.71	29.28	94.80	6.67	1.38	8.09	4.0
2022/05/09	ME	DS3	18:23	T	1.1	50.3	0.34	25.65	25.50	126.67	8.95	0.58	8.26	3.3
2022/05/09	ME	DS4	18:28	B	8.0	95.8	0.45	24.73	29.16	96.97	6.82	1.48	8.09	3.2
2022/05/09	ME	DS4	18:28	M	4.9	114.4	0.38	25.04	28.13	106.23	7.47	0.48	8.14	5.0
2022/05/09	ME	DS4	18:29	T	1.1	8.6	0.38	25.71	25.32	129.72	9.17	0.38	8.27	2.8
2022/05/09	ME	DS4	18:30	B	8.2	63.8	0.16	24.73	29.19	99.15	6.97	1.48	8.09	3.1
2022/05/09	ME	DS4	18:30	M	5.0	86.1	0.26	25.09	28.09	107.61	7.57	0.58	8.15	5.3
2022/05/09	ME	DS4	18:31	T	0.9	8.6	0.38	25.69	25.36	130.21	9.20	0.38	8.27	2.8
2022/05/09	ME	DS5	18:36	B	7.2	112.1	0.51	24.76	28.96	97.54	6.86	1.78	8.09	5.4
2022/05/09	ME	DS5	18:36	M	4.4	103.6	0.59	24.86	28.71	101.61	7.15	1.28	8.10	4.6
2022/05/09	ME	DS5	18:37	T	1.1	64.2	0.46	25.63	25.52	125.70	8.89	0.68	8.25	3.2
2022/05/09	ME	DS5	18:38	B	7.1	91.6	0.72	24.77	28.96	100.22	7.05	1.48	8.09	5.3
2022/05/09	ME	DS5	18:38	M	4.3	115.6	0.66	25.03	28.12	107.08	7.54	0.58	8.14	4.7
2022/05/09	ME	DS5	18:39	T	1.0	64.2	0.46	25.66	25.50	127.88	9.04	0.48	8.25	3.2
2022/05/09	ME	MW1	19:20	B	19.2	20.2	0.76	24.69	30.64	102.52	7.15	0.48	8.10	3.6
2022/05/09	ME	MW1	19:20	M	10.6	283.9	0.18	24.90	29.42	111.46	7.80	0.58	8.15	2.9
2022/05/09	ME	MW1	19:21	T	1.0	61.0	0.30	25.30	27.38	134.90	9.49	0.08	8.27	3.5
2022/05/09	ME	MW1	19:22	B	19.2	202.9	0.35	24.66	30.85	102.02	7.11	0.88	8.09	3.8
2022/05/09	ME	MW1	19:23	M	10.5	48.6	0.56	24.92	29.34	113.74	7.96	0.68	8.15	2.9
2022/05/09	ME	MW1	19:24	T	1.2	150.7	0.05	25.28	27.39	135.39	9.53	0.08	8.26	3.6

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2022/05/09	MF	MW1	05:07	B	20.0	134.0	0.04	24.50	31.92	93.60	6.51	0.58	8.13	3.3
2022/05/09	MF	MW1	05:08	M	11.1	329.0	0.28	24.57	31.32	91.30	6.36	0.58	8.12	2.7
2022/05/09	MF	MW1	05:09	T	1.0	71.3	0.33	24.68	30.29	95.49	6.68	0.38	8.14	2.7
2022/05/09	MF	MW1	05:10	B	20.0	322.1	0.38	24.50	31.88	94.98	6.60	0.78	8.14	3.3
2022/05/09	MF	MW1	05:11	M	11.1	123.4	0.20	24.54	31.56	92.98	6.47	0.48	8.13	2.7
2022/05/09	MF	MW1	05:11	T	1.0	210.9	1.37	24.68	30.25	95.17	6.66	0.48	8.14	2.7
2022/05/09	MF	DS1	06:15	B	10.1	354.1	0.26	24.81	29.11	90.63	6.37	1.28	8.10	3.1
2022/05/09	MF	DS1	06:16	M	6.0	334.2	0.62	24.97	28.02	92.21	6.50	1.18	8.10	2.7
2022/05/09	MF	DS1	06:16	T	1.1	358.8	0.24	24.92	24.72	104.93	7.54	0.48	8.18	2.9
2022/05/09	MF	DS1	06:17	B	10.0	42.3	0.33	24.82	29.08	92.30	6.48	1.68	8.09	3.2
2022/05/09	MF	DS1	06:18	M	5.9	25.0	0.03	24.97	28.03	92.80	6.54	0.98	8.10	2.8
2022/05/09	MF	DS1	06:18	T	1.1	232.0	0.14	24.94	24.77	104.72	7.52	0.58	8.19	2.9
2022/05/09	MF	DS2	06:23	B	9.1	31.8	0.25	24.74	29.77	89.19	6.25	1.08	8.09	4.7
2022/05/09	MF	DS2	06:24	M	5.6	31.8	0.43	25.05	26.83	98.82	7.00	0.58	8.15	3.6
2022/05/09	MF	DS2	06:24	T	1.1	204.6	0.41	25.00	24.30	105.87	7.62	0.48	8.19	3.2
2022/05/09	MF	DS2	06:25	B	8.9	60.6	0.04	24.77	29.51	91.96	6.45	0.98	8.08	4.8
2022/05/09	MF	DS2	06:26	M	5.6	36.1	0.33	25.00	27.39	96.92	6.85	0.58	8.13	3.6
2022/05/09	MF	DS2	06:26	T	1.1	98.8	0.50	25.02	24.23	105.66	7.60	0.48	8.18	3.1
2022/05/09	MF	DS3	06:31	B	8.0	179.6	0.28	24.96	28.02	94.11	6.64	1.28	8.10	3.2
2022/05/09	MF	DS3	06:32	M	4.9	72.0	0.17	25.04	26.62	102.34	7.26	0.58	8.16	2.6
2022/05/09	MF	DS3	06:33	T	1.2	223.4	0.15	25.03	25.02	105.22	7.54	0.48	8.17	2.9
2022/05/09	MF	DS3	06:33	B	7.9	83.5	0.23	24.99	27.63	97.57	6.89	0.58	8.11	3.2
2022/05/09	MF	DS3	06:34	M	5.1	192.4	0.64	25.01	26.76	101.84	7.23	0.68	8.15	2.5
2022/05/09	MF	DS3	06:35	T	1.0	68.1	0.77	25.04	24.54	104.51	7.51	0.58	8.17	3.0
2022/05/09	MF	DS4	06:39	B	8.1	210.8	0.16	24.90	28.45	92.38	6.50	1.18	8.08	3.4
2022/05/09	MF	DS4	06:40	M	5.0	315.5	0.38	25.01	27.31	92.28	6.53	0.98	8.08	3.1
2022/05/09	MF	DS4	06:40	T	1.1	25.5	0.44	25.07	25.02	99.61	7.13	0.58	8.13	4.1
2022/05/09	MF	DS4	06:41	B	8.2	20.2	0.21	24.98	27.70	93.66	6.61	1.18	8.09	3.3
2022/05/09	MF	DS4	06:42	M	5.0	51.8	0.40	25.01	27.31	91.57	6.48	1.18	8.07	3.0
2022/05/09	MF	DS4	06:42	T	1.0	22.0	0.14	25.09	24.56	101.09	7.25	0.88	8.13	3.9
2022/05/09	MF	DS5	06:46	B	7.9	283.0	0.32	24.92	28.14	92.83	6.55	1.58	8.09	3.0
2022/05/09	MF	DS5	06:47	M	5.1	143.3	0.19	24.97	27.62	90.35	6.38	0.78	8.06	3.1
2022/05/09	MF	DS5	06:48	T	1.1	17.8	0.49	24.98	24.23	101.55	7.31	0.58	8.14	3.3
2022/05/09	MF	DS5	06:49	B	8.1	247.6	0.19	24.96	27.84	93.51	6.60	1.28	8.07	3.1
2022/05/09	MF	DS5	06:49	M	4.9	222.1	0.18	24.98	27.57	90.44	6.39	0.88	8.06	3.1
2022/05/09	MF	DS5	06:50	T	1.0	297.2	0.55	25.00	23.79	101.14	7.30	0.48	8.14	3.1
2022/05/09	MF	US1	07:02	B	10.0	34.1	0.25	24.78	29.28	89.87	6.31	1.78	8.06	3.8
2022/05/09	MF	US1	07:02	M	6.0	73.2	0.30	24.94	27.38	93.54	6.62	0.98	8.10	2.6
2022/05/09	MF	US1	07:03	T	1.1	143.7	0.48	24.93	24.83	105.92	7.61	0.18	8.16	3.2
2022/05/09	MF	US1	07:04	B	10.0	184.0	0.28	24.79	29.20	90.16	6.33	1.68	8.06	3.9
2022/05/09	MF	US1	07:04	M	6.0	72.8	0.24	24.90	28.34	91.05	6.41	1.58	8.07	2.7
2022/05/09	MF	US1	07:05	T	1.0	294.5	0.24	24.94	25.01	105.11	7.54	0.48	8.16	3.3
2022/05/09	MF	US2	07:09	B	7.9	234.1	0.18	24.82	28.90	92.81	6.53	1.18	8.07	3.2
2022/05/09	MF	US2	07:09	M	5.0	342.4	0.58	24.97	27.23	99.44	7.04	0.68	8.12	2.7
2022/05/09	MF	US2	07:10	T	1.1	164.9	0.35	24.96	26.49	104.19	7.41	0.18	8.15	3.4
2022/05/09	MF	US2	07:10	B	7.9	92.2	0.18	24.89	28.37	94.78	6.68	0.78	8.07	3.0
2022/05/09	MF	US2	07:11	M	4.9	129.8	0.40	24.97	27.22	98.63	6.98	0.58	8.11	2.6
2022/05/09	MF	US2	07:12	T	1.1	136.4	0.29	24.96	26.38	104.77	7.46	0.18	8.14	3.5